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RAW SEQUENCE LISTING

DATE: 11/29/2002

PATENT APPLICATION: US/10/084,825

TIME: 16:11:04

Input Set : N:\CrF3\RULE60\10084825.raw

Output Set: N:\CRF4\11292002\J084825.raw

ENTERED

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Co, Man Sun

6 Scheinberg, David A.

7 Queen, Cary L.

9 (ii) TITLE OF INVENTION: Antibodies With Increased Binding

10 Affinity

12 (iii) NUMBER OF SEQUENCES: 10

14 (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: Townsend and Townsend and Crew LLP

16 (B) STREET: Two Embarcadero Center, Eighth Floor

17 (C) CITY: San Francisco

18 (D) STATE: California

19 (E) COUNTRY: USA

20 (F) ZIP: 94111-3834

22 (v) COMPUTER READABLE FORM:

23 (A) MEDIUM TYPE: Floppy disk

24 (B) COMPUTER: IBM PC compatible

25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

28 (vi) CURRENT APPLICATION DATA:

C--> 29 (A) APPLICATION NUMBER: US/10/084,825

C--> 30 (B) FILING DATE: 25-Feb-2002

31 (C) CLASSIFICATION:

41 (vii) PRIOR APPLICATION DATA:

34 (A) APPLICATION NUMBER: US/08/862,871

35 (B) FILING DATE: 23-MAY-1997

38 (A) APPLICATION NUMBER: US 07/850,354

39 (B) FILING DATE: 09-MAR-1992

42 (A) APPLICATION NUMBER: US 08/372,262

43 (B) FILING DATE: 13-JAN-1995

45 (viii) ATTORNEY/AGENT INFORMATION:

46 (A) NAME: Storella, John R.

47 (B) REGISTRATION NUMBER: 32,944

48 (C) REFERENCE/DOCKET NUMBER: 011823-004011US

50 (ix) TELECOMMUNICATION INFORMATION:

51 (A) TELEPHONE: (415) 576-0200

52 (B) TELEFAX: (415) 576-0300

55 (2) INFORMATION FOR SEQ ID NO: 1:

57 (i) SEQUENCE CHARACTERISTICS:

58 (A) LENGTH: 14 amino acids

59 (B) TYPE: amino acid

60 (C) STRANDEDNESS:

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61      (D) TOPOLOGY: linear
62      (ii) MOLECULE TYPE: peptide
63      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
64      Lys Ala Thr Leu Thr Val Asp Asn Ser Ser Ser Thr Ala Tyr
65      1          5          10
66 (2) INFORMATION FOR SEQ ID NO: 2:
67      (i) SEQUENCE CHARACTERISTICS:
68      (A) LENGTH: 14 amino acids
69      (B) TYPE: amino acid
70      (C) STRANDEDNESS:
71      (D) TOPOLOGY: linear
72      (ii) MOLECULE TYPE: peptide
73      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
74      Lys Ala Thr Leu Thr Val Asp Gln Ser Ser Ser Thr Ala Tyr
75      1          5          10
76 (2) INFORMATION FOR SEQ ID NO: 3:
77      (i) SEQUENCE CHARACTERISTICS:
78      (A) LENGTH: 14 amino acids
79      (B) TYPE: amino acid
80      (C) STRANDEDNESS:
81      (D) TOPOLOGY: linear
82      (ii) MOLECULE TYPE: peptide
83      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
84      Lys Ala Thr Ile Thr Ala Asp Asn Ser Ser Ser Thr Ala Tyr
85      1          5          10
86 (2) INFORMATION FOR SEQ ID NO: 4:
87      (i) SEQUENCE CHARACTERISTICS:
88      (A) LENGTH: 14 amino acids
89      (B) TYPE: amino acid
90      (C) STRANDEDNESS:
91      (D) TOPOLOGY: linear
92      (ii) MOLECULE TYPE: peptide
93      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
94      Lys Ala Thr Ile Thr Ala Asp Glu Ser Thr Asn Thr Ala Tyr
95      1          5          10
96 (2) INFORMATION FOR SEQ ID NO: 5:
97      (i) SEQUENCE CHARACTERISTICS:
98      (A) LENGTH: 4 amino acids
99      (B) TYPE: amino acid
100      (C) STRANDEDNESS:
101      (D) TOPOLOGY: linear
102      (ii) MOLECULE TYPE: peptide
103      (ix) FEATURE:
104      (A) NAME/KEY: Modified-site
105      (B) LOCATION: 1
106      (D) OTHER INFORMATION: /product= "OTHER"
107 /note= "Xaa = Thr or Ser"
108      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
109      Xaa Xaa Xaa Pro

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W--> 143

Xaa Xaa Xaa Pro

RAW SEQUENCE LISTING

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Input Set : N:\Crff3\RULE60\10084825.raw

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```

144      1
147 (2) INFORMATION FOR SEQ ID NO: 6:
149      (i) SEQUENCE CHARACTERISTICS:
150          (A) LENGTH: 4 amino acids
151          (B) TYPE: amino acid
152          (C) STRANDEDNESS:
153          (D) TOPOLOGY: linear
155      (ii) MOLECULE TYPE: peptide
158      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
W--> 160      Ser Gly Xaa Gly
161      1
164 (2) INFORMATION FOR SEQ ID NO: 7:
166      (i) SEQUENCE CHARACTERISTICS:
167          (A) LENGTH: 4 amino acids
168          (B) TYPE: amino acid
169          (C) STRANDEDNESS:
170          (D) TOPOLOGY: linear
172      (ii) MOLECULE TYPE: peptide
175      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
177      Glu Ser Thr Asn
178      1
181 (2) INFORMATION FOR SEQ ID NO: 8:
183      (i) SEQUENCE CHARACTERISTICS:
184          (A) LENGTH: 4 amino acids
185          (B) TYPE: amino acid
186          (C) STRANDEDNESS:
187          (D) TOPOLOGY: linear
189      (ii) MOLECULE TYPE: peptide
192      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
194      Asn Ser Ser Ser
195      1
198 (2) INFORMATION FOR SEQ ID NO: 9:
200      (i) SEQUENCE CHARACTERISTICS:
201          (A) LENGTH: 4 amino acids
202          (B) TYPE: amino acid
203          (C) STRANDEDNESS:
204          (D) TOPOLOGY: linear
206      (ii) MOLECULE TYPE: peptide
209      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
W--> 211      Thr Xaa Xaa Pro
212      1
215 (2) INFORMATION FOR SEQ ID NO: 10:
217      (i) SEQUENCE CHARACTERISTICS:
218          (A) LENGTH: 4 amino acids
219          (B) TYPE: amino acid
220          (C) STRANDEDNESS:
221          (D) TOPOLOGY: linear
223      (ii) MOLECULE TYPE: peptide
226      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

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RAW SEQUENCE LISTING

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Input Set : N:\Crf3\RULE60\10084825.raw

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W--> 228
229Ser Xaa Xaa Pro
1

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/084,825

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Input Set : N:\Crf3\RULE60\10084825.raw
Output Set: N:\CRF4\11292002\J084825.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos.1,2,3

Seq#:6; Xaa Pos.3

Seq#:9; Xaa Pos.2,3

Seq#:10; Xaa Pos.2,3

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/084,825

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TIME: 16:11:05

Input Set : N:\Crf3\RULE60\10084825.raw

Output Set: N:\CRF4\11292002\J084825.raw

L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0